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Notice of Allowability	Application No.	Applicant(s)	
	09/980,043	CHIANG ET AL.	
	Examiner	Art Unit	
	Medina A. Ibrahim	1638	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the telephonic interview of 12/09/05.
2. ☒ The allowed claim(s) is/are 167-169, 173-175, 179-180,183,187-188,191-199,204-206 and 211-214, renumbered as 1-26, respectively.
3. ☒ The drawings filed on 11/19/01 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|---|---|

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jill Fahrlander on 12/09/05.

The application has been amended as follows:

In The Abstract:

The abstract has been replaced with the following:

----The invention relates to isolated polynucleotides encoding functional cellulose synthases and UDP-glucose binding domain thereof, transgenic plants and plant cells transformed with the polynucleotides. The invention further relates to methods of transforming plants and plant cells with cellulose synthase or UDP-encoding polynucleotides. -----

In The Title:

The title has been replaced with the following:

----CELLULOSE SYNTHASE ENCODING POLYNUCLEOTIDES AND USES THEREOF---.

In The Claims:

At claim 167, "amino acid residues" has been replaced with ---the amino acid sequence ---.

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At claim 169, "nucleotides" has been replaced with ---the nucleotide sequence---.

At claim 173, "amino acid residues" has been replaced with ---the amino acid sequence ---.

At claim 179, "amino acid residues" has been replaced with ---the amino acid sequence---. Also, "associated" has been replaced with ---linked---.

At claim 183, "amino acid residues" has been replaced with ---the amino acid sequence---. Also, "or UDP-glucose binding activity" before the period has been deleted.

At claim 187, "coding sequence" has been replaced with ---- polynucleotide-----.

Also, "associated" has been replaced with ---linked---.

At claim 191, "nucleotides" has been replaced with ---the nucleotide sequence---.

At claim 193, "amino acid residues" has been replaced with ---the amino acid sequence ---.

At claims 195 and 196, "nucleotides" has been replaced with ---the nucleotide sequence---.

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At claim 204, "amino acid residues" has been replaced with ---the amino acid sequence ---.

Claim 211 has been cancelled.

At claim 212, "amino acid residues" has been replaced with ---the amino acid sequence ---.

At claim 214, "nucleotides" has been replaced with ---the nucleotide sequence---.

Contact information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Medina A. Ibrahim whose telephone number is (571) 272-0797. The Examiner can normally be reached Monday -Thursday from 8:00AM to 5:30PM and every other Friday from 9:00AM to 5:00 PM. Before and after final responses should be directed to fax nos. (703) 872-9306 and (703) 872-9307, respectively.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Dr. Amy Nelson, can be reached at (571) 272-0804.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199.

12/9/05

Mai

MEDINA A. IBRAHIM
PATENT EXAMINER

